

AMENDMENTS TO THE SPECIFICATION

Please insert after the title of the application on page 1, the following section:

CROSS REFERENCE TO RELATED APPLICATION

This application claims priority to German Patent Application No. 100 14 708.9, filed March 24, 2000.

Please replace the entire Abstract on page 12 with the following Abstract:

This invention relates to a process for identifying and enriching cell-specific target structures, in particular for the identification of cell-specific protein combination patterns on the surface of cells and for enriching such cells. The process comprises depositing a heterogeneous cell mixture on one or plural surfaces with predefined structures causing cells with corresponding target structures to become bound to such surface(s), removing any non-binding cells of said cell mixture from said surface, identifying the cell-specific target structures responsible for the binding of the cells to said surface(s), selecting and enriching cells with identical cell-specific target structures on said surface(s), and biochemically characterizing the target structures.